OIPE JC16
APR 15 2005
PATENT & TRADEMARK OFFICE

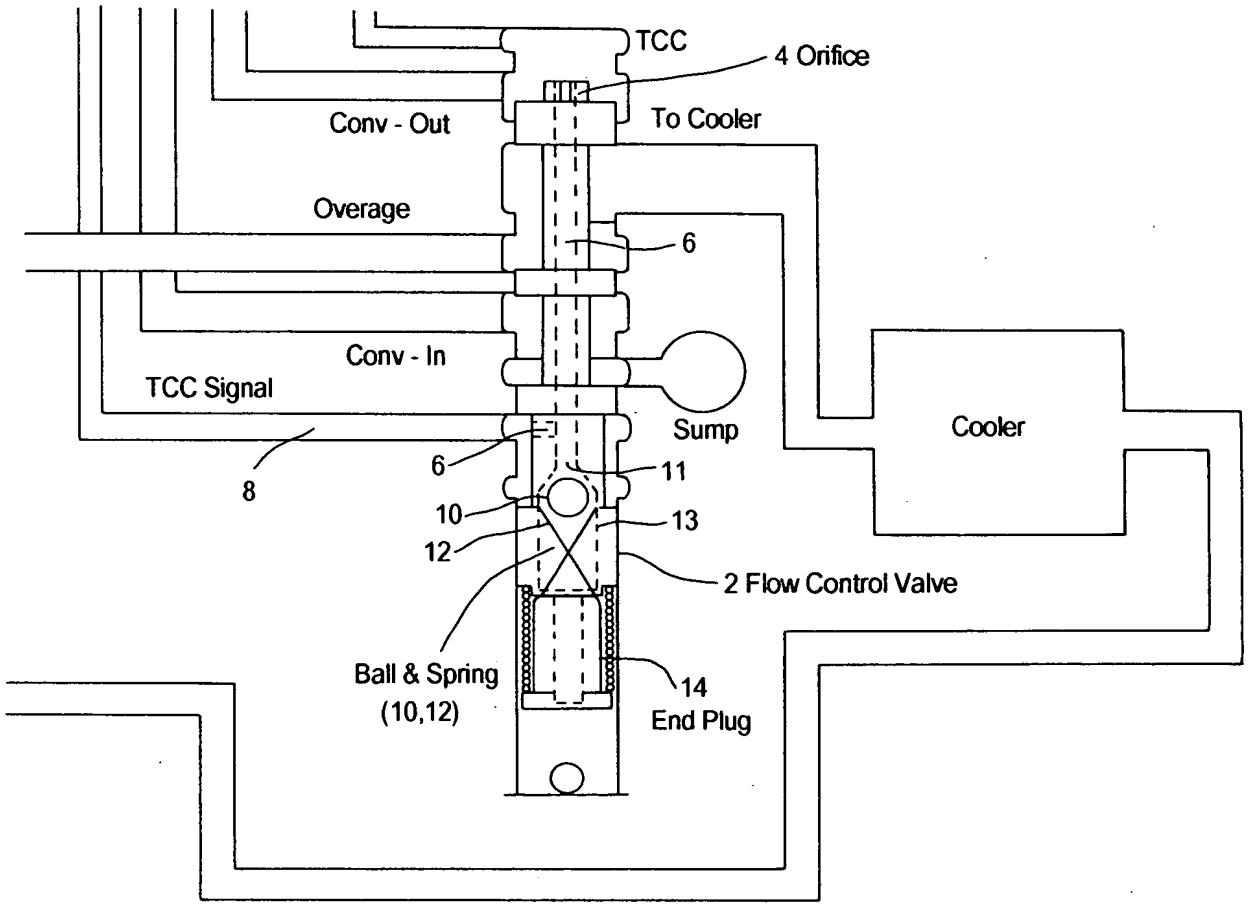

FIG. 1

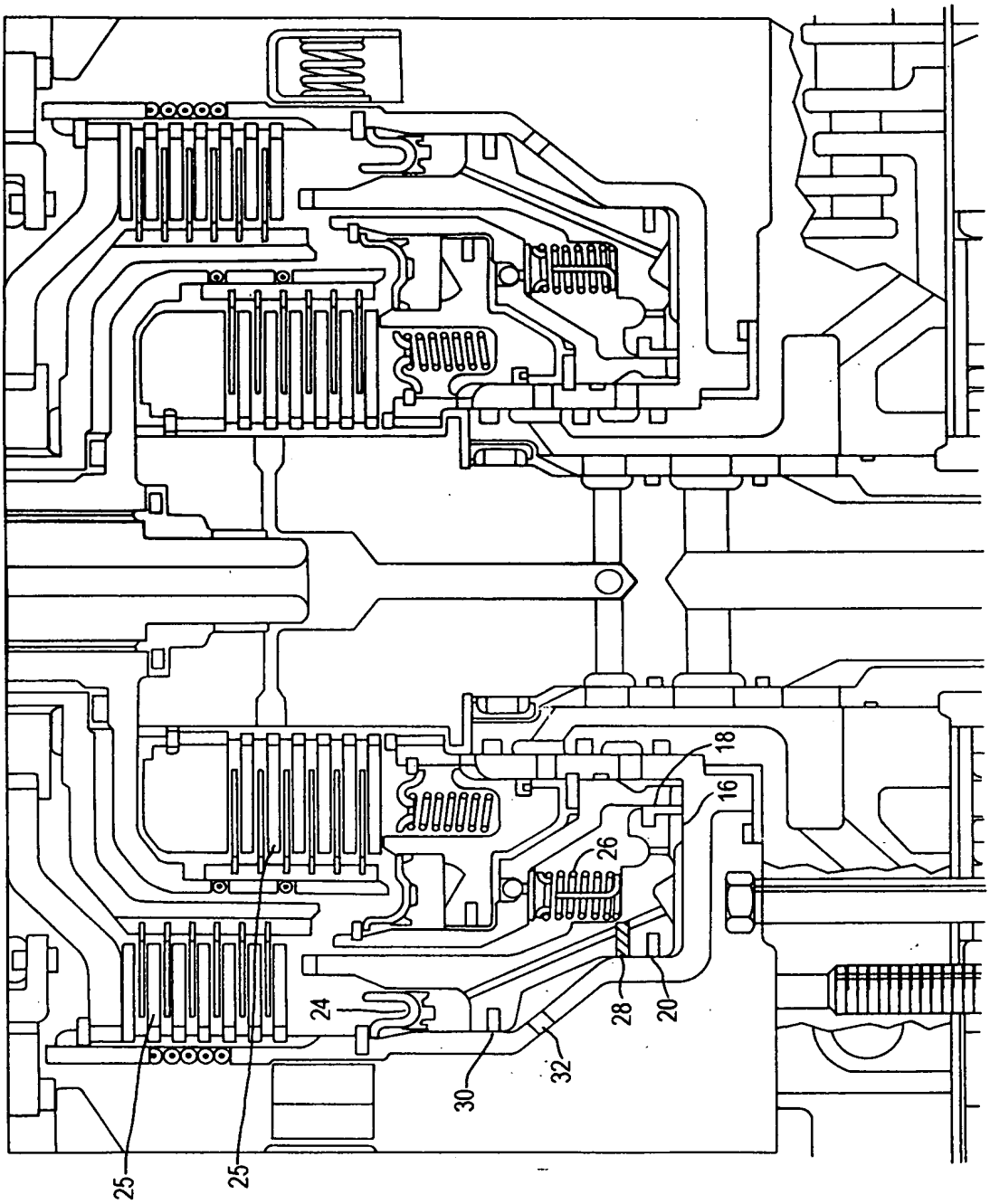

FIG. 2

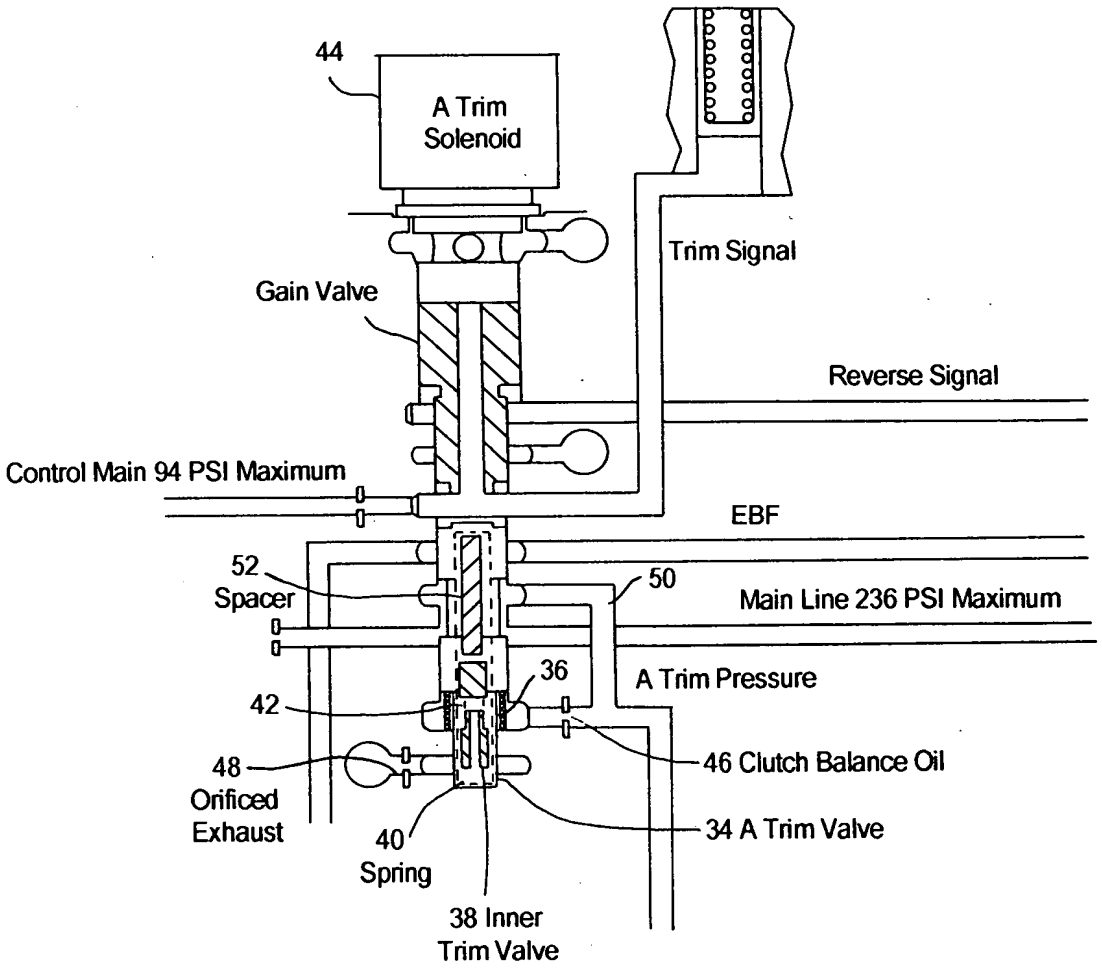
44
A Trim Solenoid
Trim Signal
Gain Valve
Reverse Signal
Control Main 94 PSI Maximum
EBF
52
Spacer
50
Main Line 236 PSI Maximum
36
A Trim Pressure
42
46 Clutch Balance Oil
48
Orificed Exhaust
34 A Trim Valve
40
Spring
38 Inner Trim Valve

FIG. 3

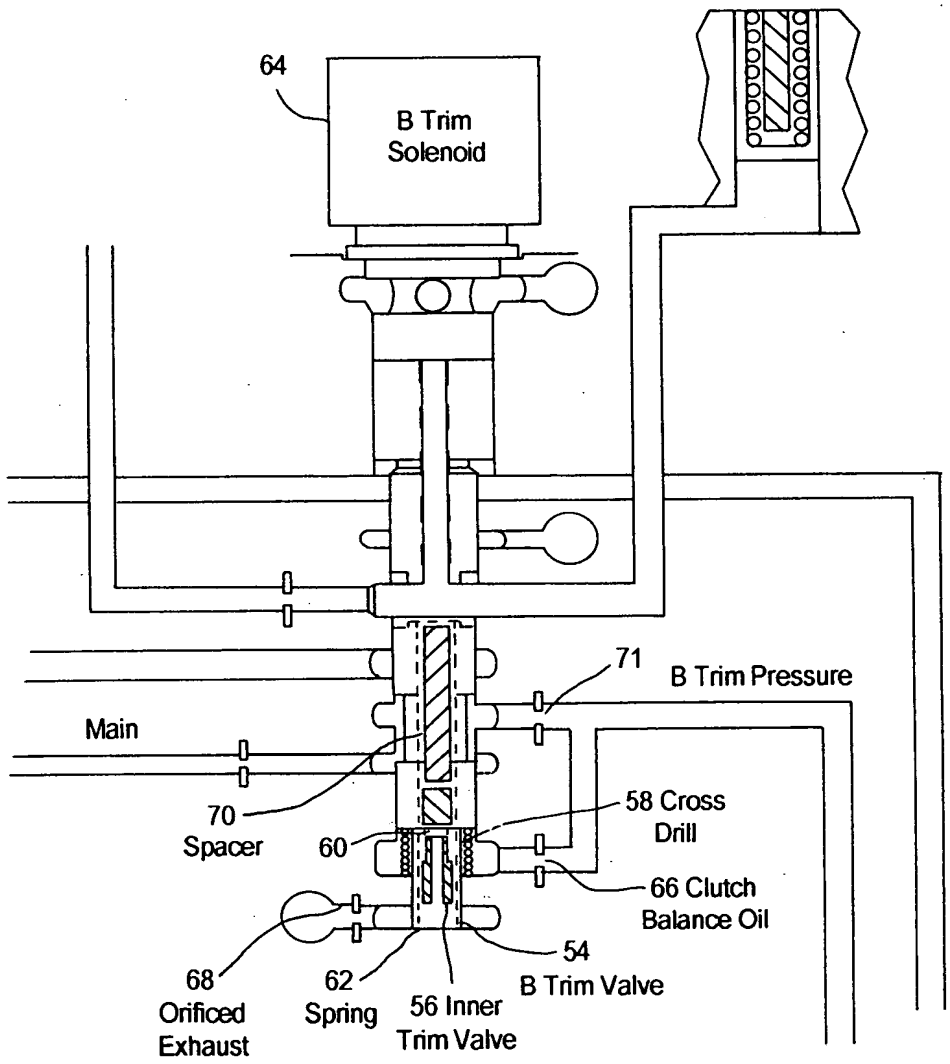
64
B Trim
Solenoid
71
B Trim Pressure
Main
70
Spacer
60
58 Cross
Drill
66 Clutch
Balance Oil
54
B Trim Valve
68
Orificed
Exhaust
62
Spring
56 Inner
Trim Valve

FIG. 4

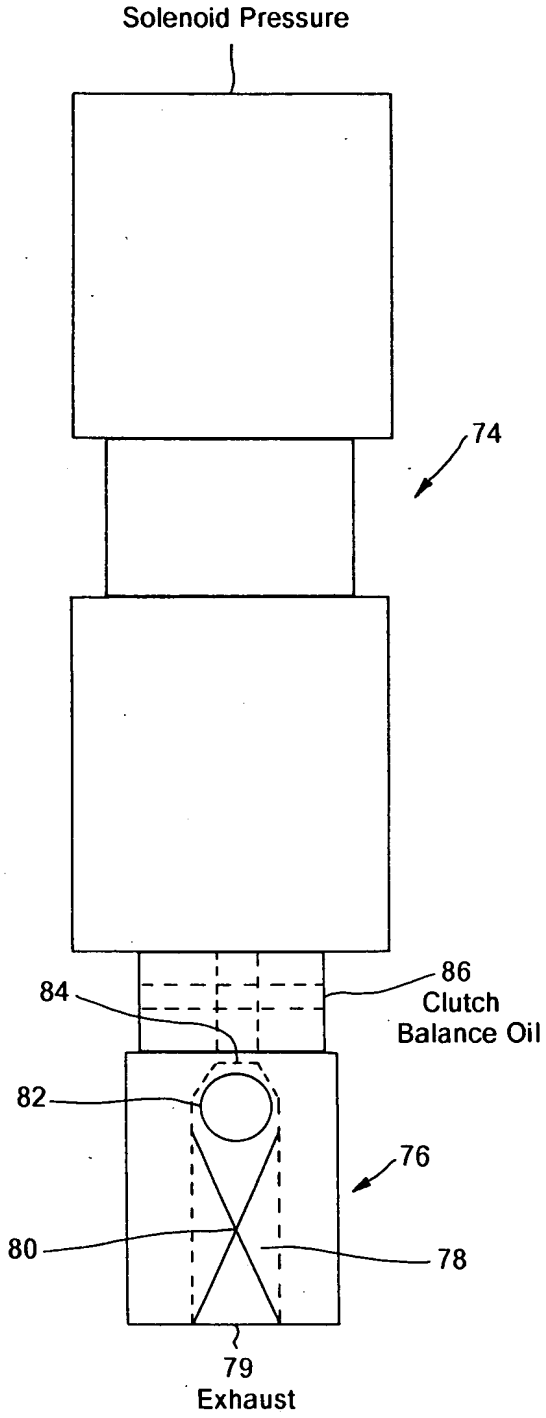
Solenoid Pressure
74
86
Clutch
Balance Oil
84
82
76
80
78
79
Exhaust

FIG. 5